

Dimitry V. Smirnov
Research Associate
Email: dima.smirnov@noaa.gov
Phone: (303) 497-4858

Cooperative Institute for Research in Environmental Sciences
University of Colorado
325 Broadway, Mail Code: PSD1
Boulder, CO 80305

1. EMPLOYMENT

Research Associate, Cooperative Institute for Research in Environmental Sciences (CIRES), University of Colorado – Boulder, USA. October 2011 - Present.

Graduate Research Assistant, Department of Oceanic and Atmospheric Sciences, University of Wisconsin – Madison, USA. September 2006 – September 2011.

Research Intern, Inspire Pharmaceuticals, Durham, NC, USA. October 2002 – May 2006.

Undergraduate Research Assistant, Department of Chemistry, University of North Carolina – Chapel Hill, USA. Advisor: Michael T. Crimmins. 9/2005 – 5/2006.

2. EDUCATION

Ph. D., Department of Atmospheric and Oceanic Science, University of Wisconsin – Madison, 2009 – 2011.

Advisor: Daniel J. Vimont

Dissertation Title: *Extratropical Forcing of Tropical Atlantic Variability*

M. S., Department of Atmospheric and Oceanic Science, University of Wisconsin – Madison, 2006 – 2009

Advisor: Daniel J. Vimont

Thesis: *The Atlantic Meridional Mode: Observations, Modeling & Predictability*

B. S., Department of Chemistry, University of North Carolina – Chapel Hill, 2002 – 2006.

3. PUBLICATIONS

1. **Smirnov, D.** and D. J. Vimont, 2012: Extratropical Forcing of Tropical Atlantic variability during the boreal summer and fall. *J. Climate*, **25**, 2056-2076.

2. **Smirnov, D.** and D. J. Vimont, 2011: Variability of the Atlantic Meridional Mode during the Atlantic Hurricane Season. *J. Climate*, **24**, 1409-1424.
3. Douglass, J. G., deCamp, J. B., Fulcher, E. H., Jones, W., Mahanty, S., Morgan, A., **Smirnov, D.**, Boyer, J. L. and P. S. Watson, 2008: Adenosine analogues as inhibitors of P2Y₁₂ receptor mediated platelet aggregation. *Bioorganic & Medicinal Chemistry Letters*, **18**, 2167-2171.

4. PRESENTATIONS

1. Smirnov, D. and P. S. Watson, 2004 (poster): Adenine nucleosides with N6-urea modifications as inhibitors of P2Y₁₂ mediated platelet aggregation. Southeastern Regional Meeting of the American Chemical Society. Durham, NC.
2. Smirnov, D. and D. J. Vimont, 2008 (poster): Impacts of mid-latitude SST variability on the Atlantic Meridional Mode. AMS Conference on Hurricanes and Tropical Meteorology. Orlando, FL, USA.
3. Smirnov, D. and D. J. Vimont, 2009 (poster): The Atlantic Meridional Mode: Observations, Modeling and Predictability. 2nd International Summit on Hurricanes and Climate Change. Corfu, Greece.
4. Smirnov, D. and D. J. Vimont, 2009 (poster): Variability of the Atlantic Meridional Mode during the Atlantic Hurricane Season. American Geophysical Union Fall Meeting. San Francisco, CA, USA.
5. Smirnov, D. and D. J. Vimont, 2010 (oral): Variability of the Atlantic Meridional Mode during the Atlantic Hurricane Season. American Meteorological Society Conference on Hurricanes and Tropical Meteorology. Tucson, AZ.
6. Smirnov, D., Zhang, J., and C. Wang, 2011 (poster): Investigating long-term temperature trends in New York City's Central Park: Why do means and extremes behave differently? Fifth Annual Nelson Institute Earth Day Conference. Madison, WI.
7. Smirnov, D. and D. J. Vimont, 2012 (poster): Extratropical Forcing of Tropical Atlantic Climate Variability During Boreal Fall. AGU Ocean Sciences Meeting. Salt Lake City, UT.
8. Smirnov, D., M. Newman, M. A. Alexander, Y. Kwon, and C. Frankignoul, 2012 (oral): Investigating North Pacific Air-Sea Interaction with an Empirical Model. AMS Conference on Air-Sea Interaction. Boston, MA.

9. Smirnov, D., M. Newman, M. A. Alexander, Y. Kwon, and C. Frankignoul, 2012 (oral): Investigating North Pacific Air-Sea Interaction with an Empirical Model. Woods Hole Institute Physical Oceanography Seminar. Woods Hole, MA.

TEACHING EXPERIENCE

- Severe storm forecasting seminar (AOS699), UW-Madison, Department of Atmospheric & Oceanic Science, Spring, 2011.

OUTREACH

- Presentation at Gompers Elementary School (Madison, WI) on severe weather safety. April 2010.

ORGANIZATIONS

- Member of the American Meteorological Society (Boston, MA).
- Member of the American Geophysical Union.

ACADEMIC SERVICE

Reviewer for *Journal of Physical Oceanography*

Reviewer for *Journal of Climate*

Reviewer for Hollings Undergraduate Scholarship (2012)

AWARDS

Outstanding Poster. AGU Ocean Science Meeting, Salt Lake City, UT, 2012.